**Waste 2017 Abstract Submission**

**REMONDIS Australia and the Future of RDF Production**

*My presentation is relevant to the following topic area(s).*

X Circular economy X Overseas experiences

🞎 Collection (inc MUD’s, transient population areas) 🞎 Problem/Hazardous waste (inc asbestos, clinical &

🞎 Container Deposit Schemes medical, ocean plastics, paint, tyres etc)

🞎 Economics (inc business cases, data gathering, 🞎 Product Stewardship

monitoring performance) 🞎 Regional issues

🞎 Education (inc community engagement) 🞎 Recycling (inc CRC’s, collection)

🞎 E-Waste 🞎 Regulations and levies

🞎 Grants (outcomes and processes) 🞎 Social enterprise

X Infrastructure (inc major waste grants, EfW, organics) 🞎 State based issues (eg. Fit for the Future NSW)

X Innovative projects (case studies preferred) X Technology

🞎 Landfill (inc operations, regulations) 🞎 Tenders and contracts

🞎 Litter and/or illegal dumping (inc litter initiatives) 🞎 Other 🞎 Organics (inc collection, processing)

**Presenter information**

**Presenter name:** Gunther Neumann

**Presenter position:** Head of Technical Department

**Presenter organisation:** REMONDIS Australia Pty Ltd

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**Biography**

Gunther Neumann is the Head of the Technical Department of REMONDIS Australia. He leads a team of dedicated engineers that plans, develops, builds and operationally supports new and existing recycling and resource recovery facilities, composting plants, transfer stations and landfills owned and operated by REMONDIS all over Australia.

Prior to this position in Australia, Gunther worked in the international department of REMONDIS in Berlin, Germany on the development of technical and market strategies as well as on biogas and carbon emission projects.

Gunther is based in Mascot, NSW and holds the academic degree of a “Diplom-Ingenieur (Dipl.-Ing.) in Entsorgungsingenieurwesen” from the Technical University Aachen (RWTH Aachen) in Germany. This degree is equivalent to a Master of Science in Waste and Water Engineering.

**Abstract Summary**

Refused Derived Fuel (RDF) is used extensively across the world as an alternative energy source to fossil fuels. RDF is used to power energy from waste facilities, cement kilns, coal power plants and other energy intensive manufacturing processes.

Internationally, REMONDIS operates over 800 facilities, spanning all recyclable and general waste streams. REMONDIS currently operates seven specialised RDF facilities with a capacity to process over 750,000tpa of material into RDF for local and international markets. REMONDIS also operates two combined sewage alternative fuel power plants with 350,000tpa throughput.

As local regulatory environments mature and the cost of landfill rises, the number of RDF manufacturers is on the rise in Australia. REMONDIS’ presentation will focus on the learnings from REMONDIS’ international facilities and what this means for Australia’s emerging RDF market.

**Abstract**

<Insert abstract here>>